

Because an effective high vacuum chamber is the essential building block of any vacuum system, we offer an unparalleled range of high vacuum chambers with designs to match your vacuum requirements. With both standard models and custom systems available, our applications engineers will ensure that your chamber, its options, and accessories work together for optimal performance in your application.

## STANDARD CHAMBER SPECIFICATIONS

	SERIES VH	SERIES HH	SERIES CH
			
<b>CONFIGURATION</b>	Vertical cylindrical, top loading	Horizontal cylindrical	Cube or Rectangular
<b>BODY MATERIAL</b>	304 Stainless Steel	304 Stainless Steel	304 Stainless Steel
<b>LID/DOOR MATERIAL</b>	304 Stainless Steel	304 Stainless Steel	304 Stainless Steel
<b>VACUUM</b>	10 <sup>-6</sup> Torr	10 <sup>-6</sup> Torr	10 <sup>-6</sup> Torr
<b>SIZE RANGE</b>	Dia: 8" - 24" Ht: 10" - 24"	Dia: 12" - 48" Ht: 18" - 60"	12", 20", 24", 36", 40", 48" cube

*All chambers are available with custom ports including NW, ISO, CF and ANSI ports.*

## CHAMBER OPTIONS

- Customize chamber dimensions and ports
- Electrical feedthroughs
- Thermocouple feedthroughs
- Internally heated platens
- Viewports
- Shelf brackets and trays
- Overpressure designs to 15 psig
- Electropolishing or #4 Grade mechanical polishing
- Alternate materials including 316 Stainless Steel
- Cooling channels

## ACCESSORIES

LACO offers a full range of accessories to customize your vacuum chamber

- Vacuum Controllers
- Vacuum Gauges
- Valves
- Bake-out Heaters
- Turbo and Roughing Vacuum Pumps
- Carts & Stands
- Mixers
- Lighting
- Heating & Cooling Thermal Systems
- Traps

## APPLICATIONS

- Plasma Processing and Research
- Thin Film Coating
- Atmospheric and Space Simulation
- Gas and Materials Analysis
- Materials Research and Processing
- Vacuum Metallurgy and Joining Techniques
- Environmental Testing
- Lab Applications